

CAS	Chemical	Type of Observation	voc_status	Mutagenic	GIABS	ABS _g	C _{sat} (mg/kg)	RfD _o (mg/kg-day)	k _e y	RfC _i (mg/m ³)	k _e y	SFO (mg/kg-day) ¹	k _e y	IUR (mg/m ³) ¹	k _e y	Resident Soil (mg/kg)	resskey	Industrial Soil (mg/kg)	indskey	ResidentAir (ug/m ³)	resakey	IndustrialAir (ug/m ³)	indakey	Tap Water (ug/L)	restkey	MCL (ug/L)	Risk-based SSL (mg/kg)	slriskkey	MCL-based SSL (mg/kg)
107-13-1	Acrylonitrile	Spring 2023	V				1.10E+04	1.00E-02	A	2.00E-03	I	5.40E-01	I	6.80E-05	I	2.50E-01	c**	1.10E+00	c**	4.10E-02	c**	1.80E-01	c**	5.20E-02	c**		1.10E-05	c**	
107-13-1	Acrylonitrile	Fall 2023	V				1.10E+04	1.00E-03	H	2.00E-03	I	5.40E-01	I	6.80E-05	I	2.50E-01	c**	1.10E+00	c**	4.10E-02	c**	1.80E-01	c**	5.20E-02	c**		1.10E-05	c**	
	Acrylonitrile	Change Effect						X	X							X		X		X		X		X					
7440-02-0	Nickel Soluble Salts	Spring 2023						2.00E-02	I	9.00E-05	A			2.60E-04	C	1.50E+02	n	2.20E+03	n	9.40E-03	n	3.90E-02	n	3.90E+01	n		2.60E+00	n	
7440-02-0	Nickel Soluble Salts	Fall 2023						2.00E-02	I	1.40E-05	C			2.60E-04	C	1.40E+02	n	1.80E+03	n	1.50E-03	n	6.10E-03	n	3.90E+01	n		2.60E+00	n	
	Nickel Soluble Salts	Change Effect							X	X						X		X		X		X		X					
62037-80-3	Ammonium perfluoro-2-methyl-3-oxahexanoate	Spring 2023						3.00E-06	D							1.90E-02	n	2.50E-01	n					6.00E-03	n		1.30E-06	n	
62037-80-3	Ammonium perfluoro-2-methyl-3-oxahexanoate	Fall 2023						3.00E-06	D							1.90E-02	n	2.50E-01	n					2.10E-03	n		2.20E-06	n	
	Ammonium perfluoro-2-methyl-3-oxahexanoate	Change Effect														X		X		X		X		X					
10495-86-0	Ammonium perfluorobutanoate	Spring 2023						1.00E-03	I							6.30E+00	n	8.20E+01	n					2.00E+00	n		7.10E-04	n	
10495-86-0	Ammonium perfluorobutanoate	Fall 2023	V				2.70E+02	1.00E-03	I							7.80E+00	n	1.20E+02	n					1.90E+00	n		6.80E-04	n	
	Ammonium perfluorobutanoate	Change Effect						X								X		X		X		X		X					
21615-47-4	Ammonium perfluorohexanoate	Spring 2023	V					5.00E-04	I							3.90E+00	n	5.80E+01	n					7.20E-01	n		1.70E-03	n	
21615-47-4	Ammonium perfluorohexanoate	Fall 2023						5.00E-04	I							3.20E+00	n	4.10E+01	n					7.20E-01	n		1.70E-04	n	
	Ammonium perfluorohexanoate	Change Effect							X							X		X		X		X		X					
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	Spring 2023	V					3.00E-06	D							2.30E-02	n	3.50E-01	n					6.00E-03	n				
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	Fall 2023	V				1.90E+06	3.00E-06	D							2.30E-02	n	3.50E-01	n					1.50E-03	n		1.50E-06	n	
	Hexafluoropropylene oxide dimer acid (HFPO-DA)	Change Effect						X								X		X		X		X		X					
45187-15-3	Perfluorobutanesulfonate	Spring 2023						3.00E-04	P							1.90E+00	n	2.50E+01	n					6.00E-01	n		1.90E-04	n	
45187-15-3	Perfluorobutanesulfonate	Fall 2023						3.00E-04	P							1.90E+00	n	2.50E+01	n					6.00E-01	n		3.00E-04	n	
	Perfluorobutanesulfonate	Change Effect														X		X		X		X		X					
375-73-5	Perfluorobutanesulfonic acid (PFBS)	Spring 2023						3.00E-04	P							1.90E+00	n	2.50E+01	n					6.00E-01	n		1.90E-04	n	
375-73-5	Perfluorobutanesulfonic acid (PFBS)	Fall 2023						3.00E-04	P							1.90E+00	n	2.50E+01	n					6.00E-01	n		3.00E-04	n	
	Perfluorobutanesulfonic acid (PFBS)	Change Effect														X		X		X		X		X					
45048-62-2	Perfluorobutanoate	Spring 2023	V				9.30E+04	1.00E-03	I							7.80E+00	n	1.20E+02	n					1.80E+00	n		6.70E-04	n	
45048-62-2	Perfluorobutanoate	Fall 2023	V				2.60E+03	1.00E-03	I							7.80E+00	n	1.20E+02	n					1.80E+00	n		6.30E-04	n	
	Perfluorobutanoate	Change Effect						X								X		X		X		X		X					
92612-52-7	Perfluorohexanoate	Spring 2023	V				6.80E+03	5.00E-04	I							3.90E+00	n	5.80E+01	n					6.10E-01	n		1.40E-03	n	
92612-52-7	Perfluorohexanoate	Fall 2023						5.00E-04	I							3.20E+00	n	4.10E+01	n					6.10E-01	n		1.50E-04	n	
	Perfluorohexanoate	Change Effect						X								X		X		X		X		X					
45298-90-6	Perfluorooctanesulfonate	Spring 2023						2.00E-06	A							1.30E-02	n	1.60E-01	n					4.00E-03	n		3.80E-06	n	
45298-90-6	Perfluorooctanesulfonate	Fall 2023						2.00E-06	A							1.30E-02	n	1.60E-01	n					4.00E-03	n		3.10E-05	n	
	Perfluorooctanesulfonate	Change Effect														X		X		X		X		X					
2966-54-3	Potassium heptafluorobutanoate	Spring 2023	V				1.10E+05	2.00E-03	I							1.60E+01	n	2.30E+02	n					3.80E+00	n		1.40E-03	n	
2966-54-3	Potassium heptafluorobutanoate	Fall 2023	V				9.60E+04	2.00E-03	I							1.60E+01	n	2.30E+02	n					3.80E+00	n		1.30E-03	n	
	Potassium heptafluorobutanoate	Change Effect						X								X		X		X		X		X					
	Potassium salts of inorganic phosphates	Spring 2023						1.00E+00	P							6.30E+03	n	8.20E+04	n					2.00E+03	n				
E524680403	Potassium salts of inorganic phosphates	Fall 2023						1.00E+00	P							7.80E+03	n	1.20E+05	nm					2.00E+03	n				
	Potassium salts of inorganic phosphates	Change Effect														X		X		X		X		X					
2218-54-4	Sodium perfluorobutanoate	Spring 2023	V				1.00E+05	1.00E-03	I							7.80E+00	n	1.20E+02	n					1.80E+00	n		6.80E-04	n	
2218-54-4	Sodium perfluorobutanoate	Fall 2023	V				9.00E+04	1.00E-03	I							7.80E+00	n	1.20E+02	n					1.80E+00	n		6.40E-04	n	
	Sodium perfluorobutanoate	Change Effect						X								X		X		X		X		X					
2923-26-4	Sodium perfluorohexanoate	Spring 2023	V					5.00E-04	I							3.90E+00	n	5.80E+01	n					1.00E+00	n		2.30E-03	n	
2923-26-4	Sodium perfluorohexanoate	Fall 2023						5.00E-04	I							3.20E+00	n	4.10E+01	n					1.00E+00	n		2.40E-04	n	
	Sodium perfluorohexanoate	Change Effect						X								X		X		X		X		X					
	Sodium salts of inorganic phosphates	Spring 2023						1.00E+00	P							6.30E+03	n	8.20E+04	n					2.00E+03	n				
E524680404	Sodium salts of inorganic phosphates	Fall 2023						1.00E+00	P							7.80E+03	n	1.20E+05	nm					2.00E+03	n				
	Sodium salts of inorganic phosphates	Change Effect														X		X		X		X		X					
13776-88-0	Aluminum metaphosphate	Fall 2023						2.90E+00	X							2.30E+04	n	3.40E+05	nm					5.90E+03	n				
E524680405	Aluminum salts of inorganic phosphates	Fall 2023						3.00E-01	X							2.30E+03	n	3.50E+04	n					6.00E+02	n				
82113-65-3	Bis(trifluoromethylsulfonyl)amine (TFSI)	Fall 2023	V					3.00E-04	R							2.30E+00	n	3.50E+01	n					5.90E-01	n		1.90E-04	n	
16065-83-1	Chromium(III) (Soluble Compounds)	Fall 2023								6.00E-05	C					8.50E+03	n	3.60E+04	n	6.30E-03	n	2.60E-02	n						
90076-65-6	Lithium bis(trifluoromethyl)sulfonyl]azanide	Fall 2023	V					3.00E-04	R							2.30E+00	n	3.50E+01	n					6.00E-01	n		1.90E-04	n	
108-87-2	Methylcyclohexane	Fall 2023	V				6.80E+01			9.50E-02	X					9.80E													